



Figure 1B

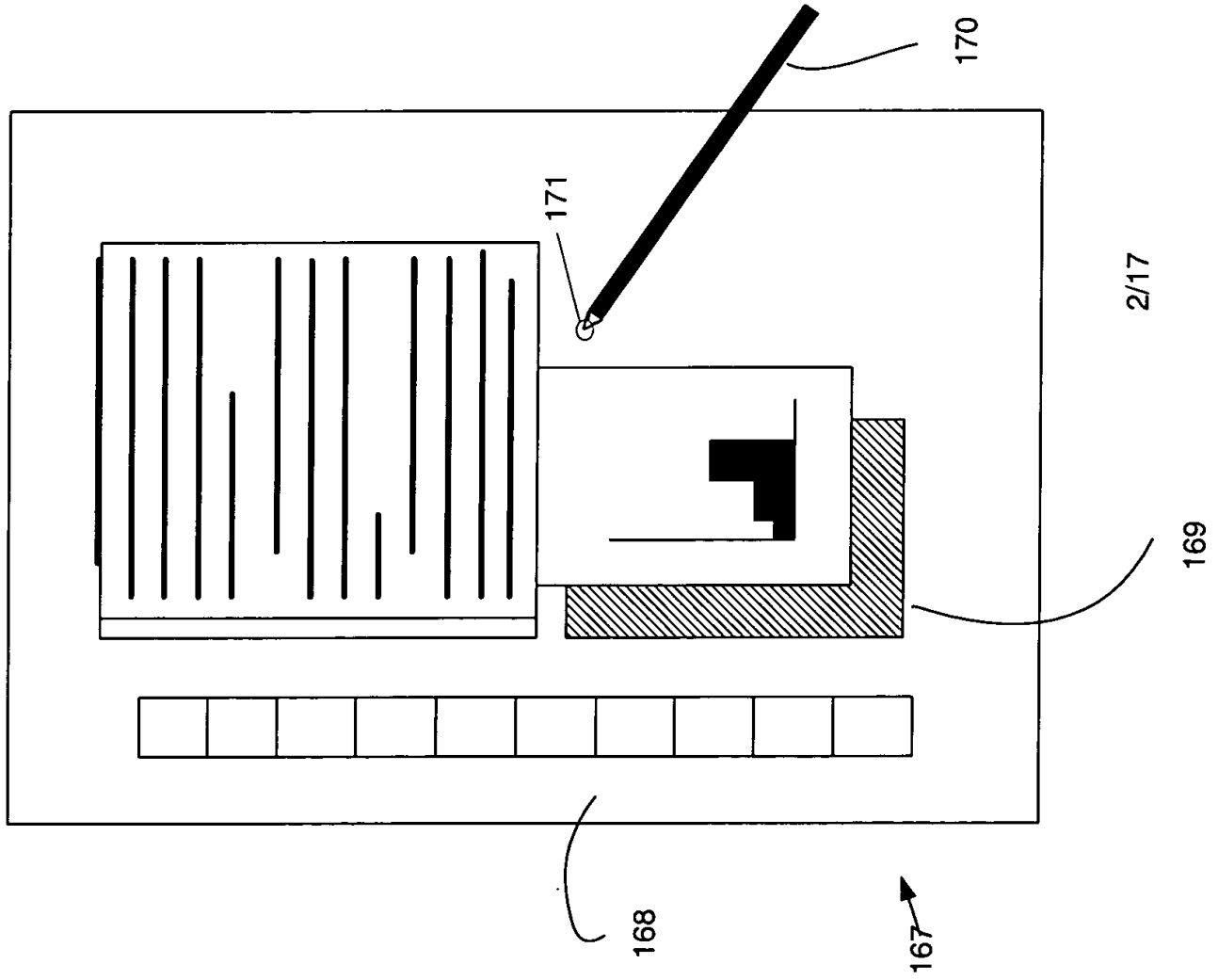


Figure 3A

01010101 01010101
01010101 10101010
00110011 11001100
00010001 10001000

Figure 3B

01010101
01010101
01010101
10101010



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Figure 4

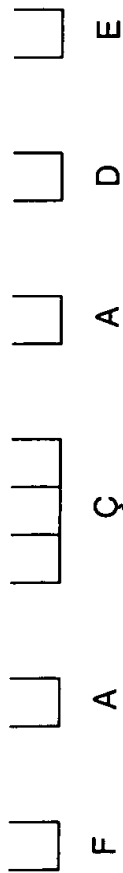
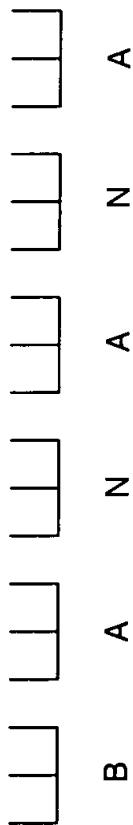


Figure 5

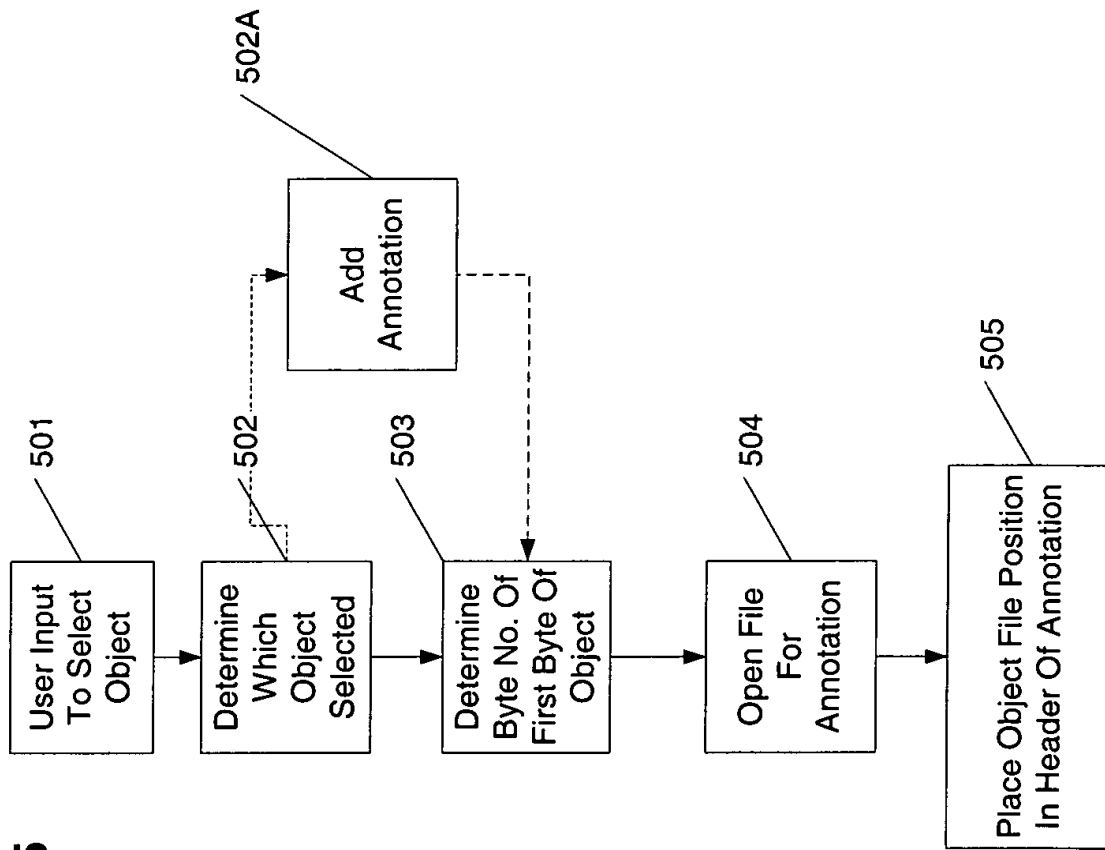


Figure 6

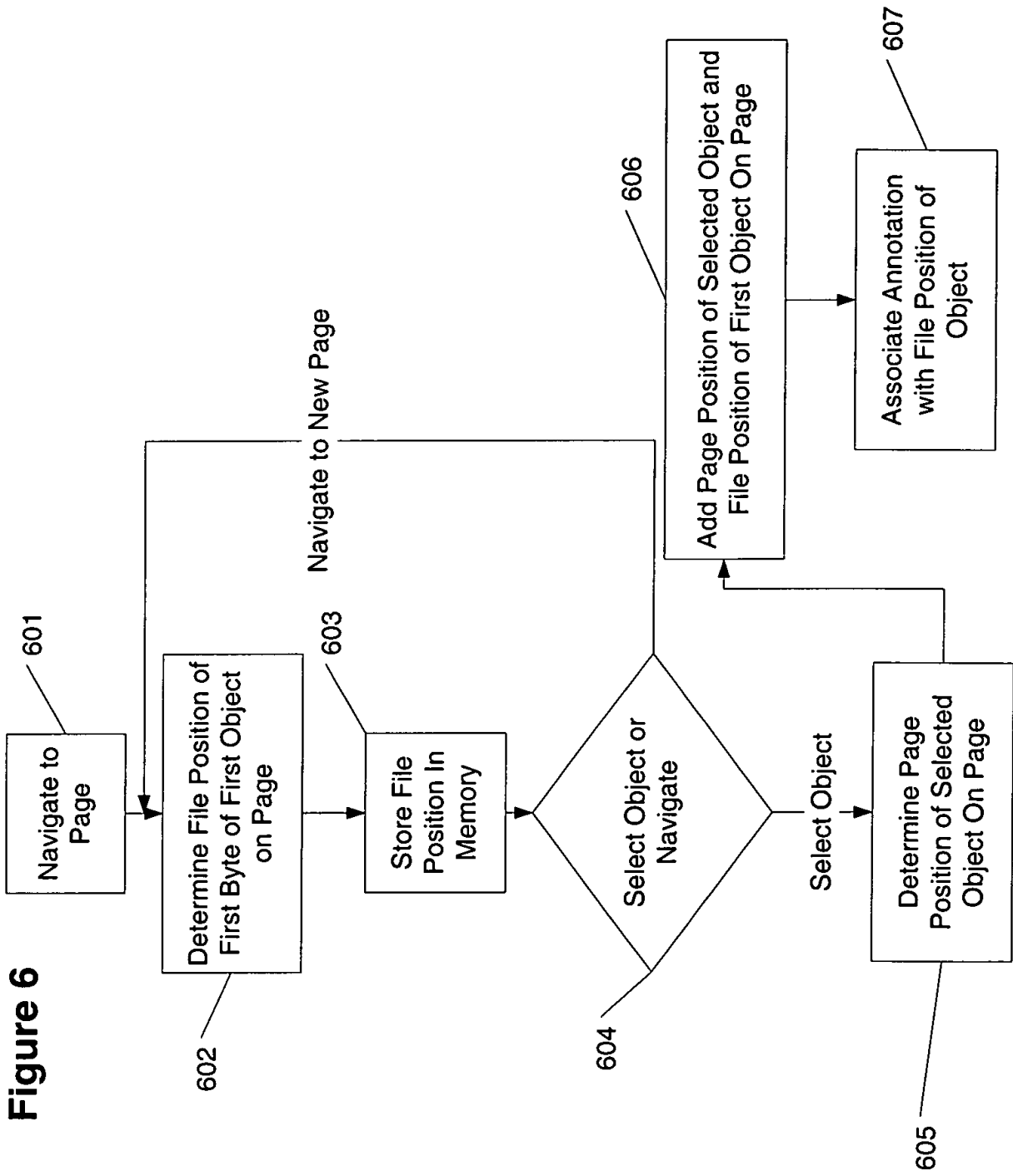


Figure 7

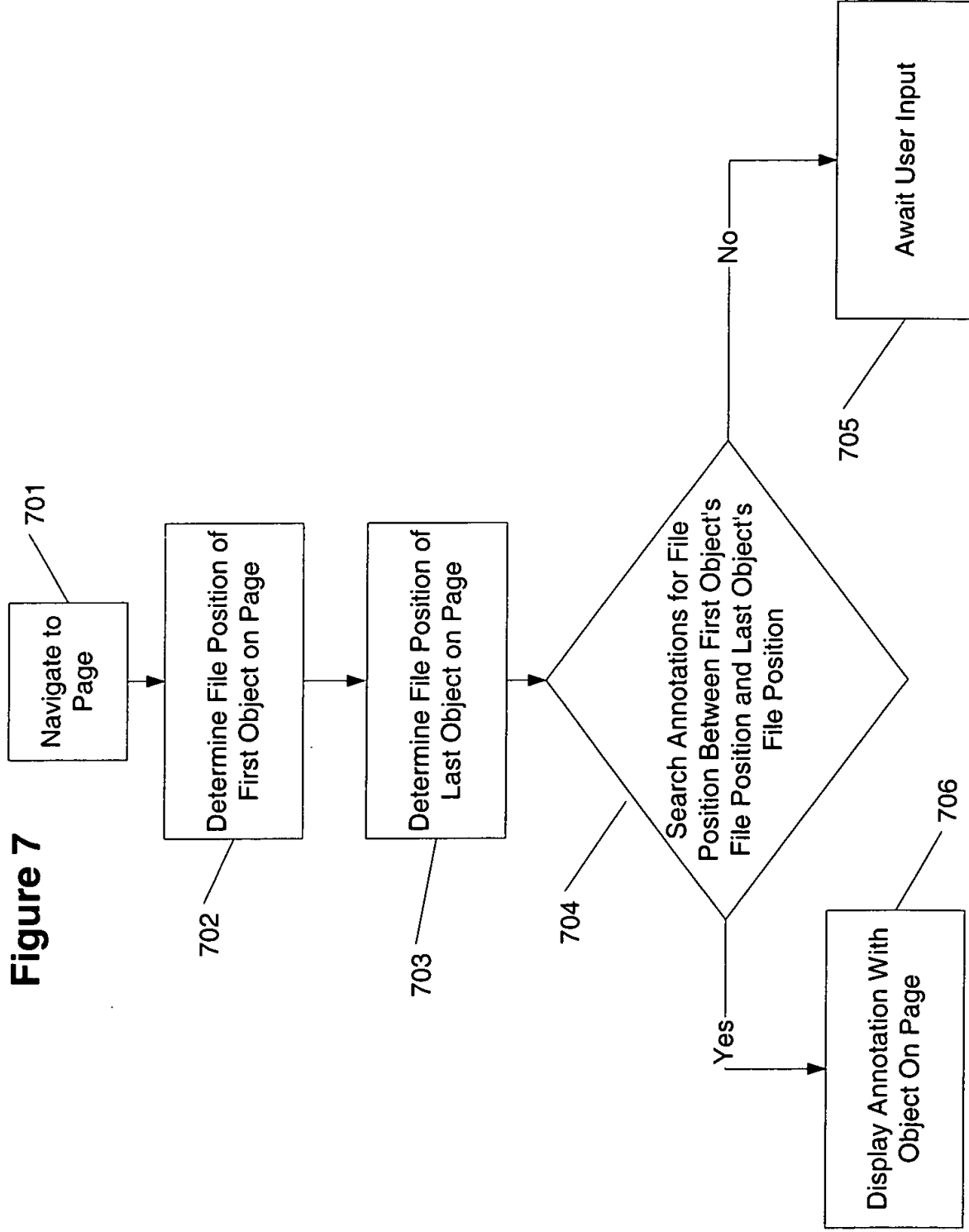


Figure 8A

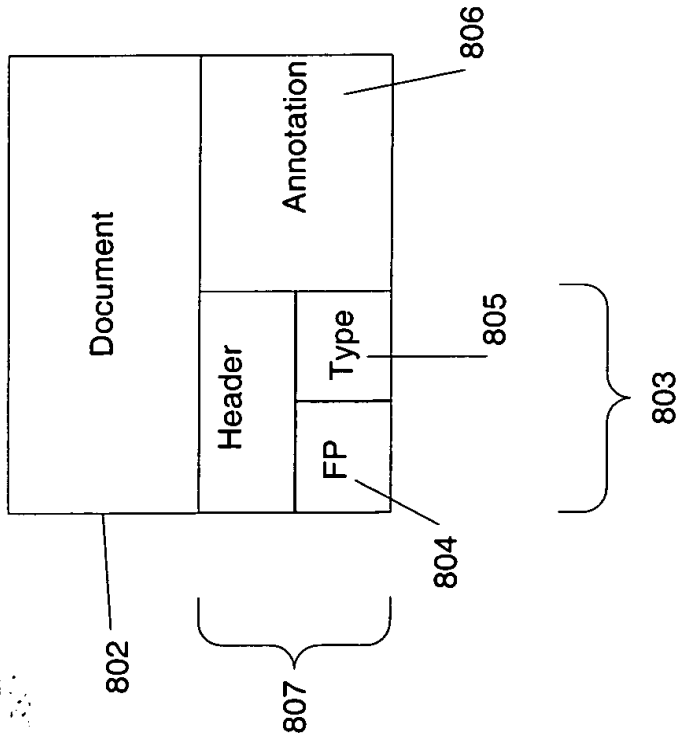
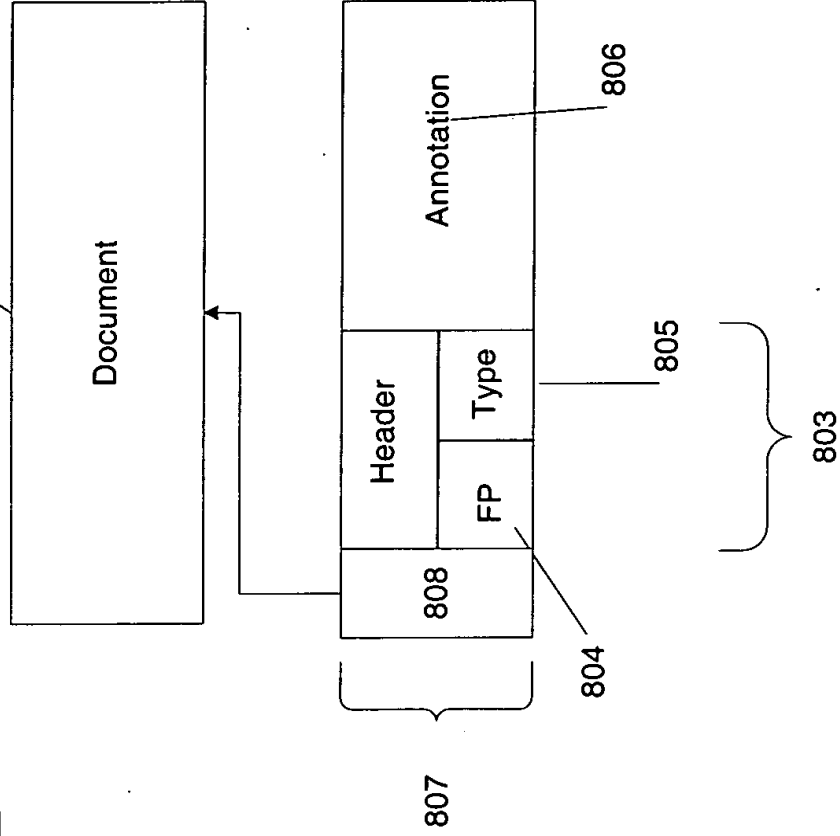


Figure 8B





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Figure 9

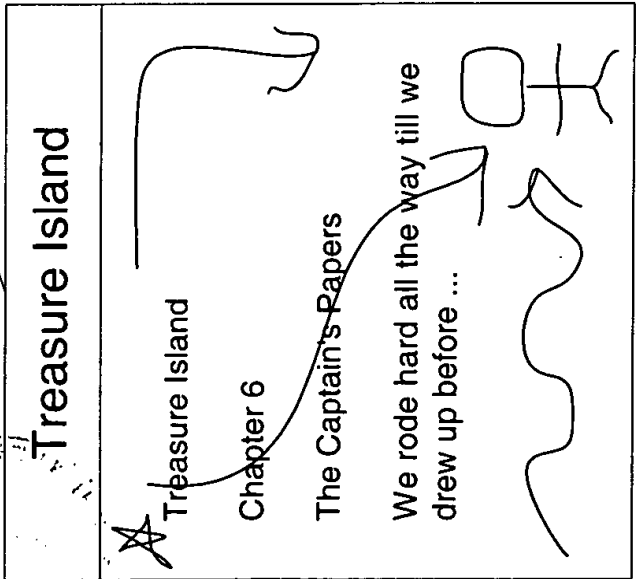
900

Annotations	
Notes	View
<u>902</u>	<u>903</u>

901

904

1001



1002

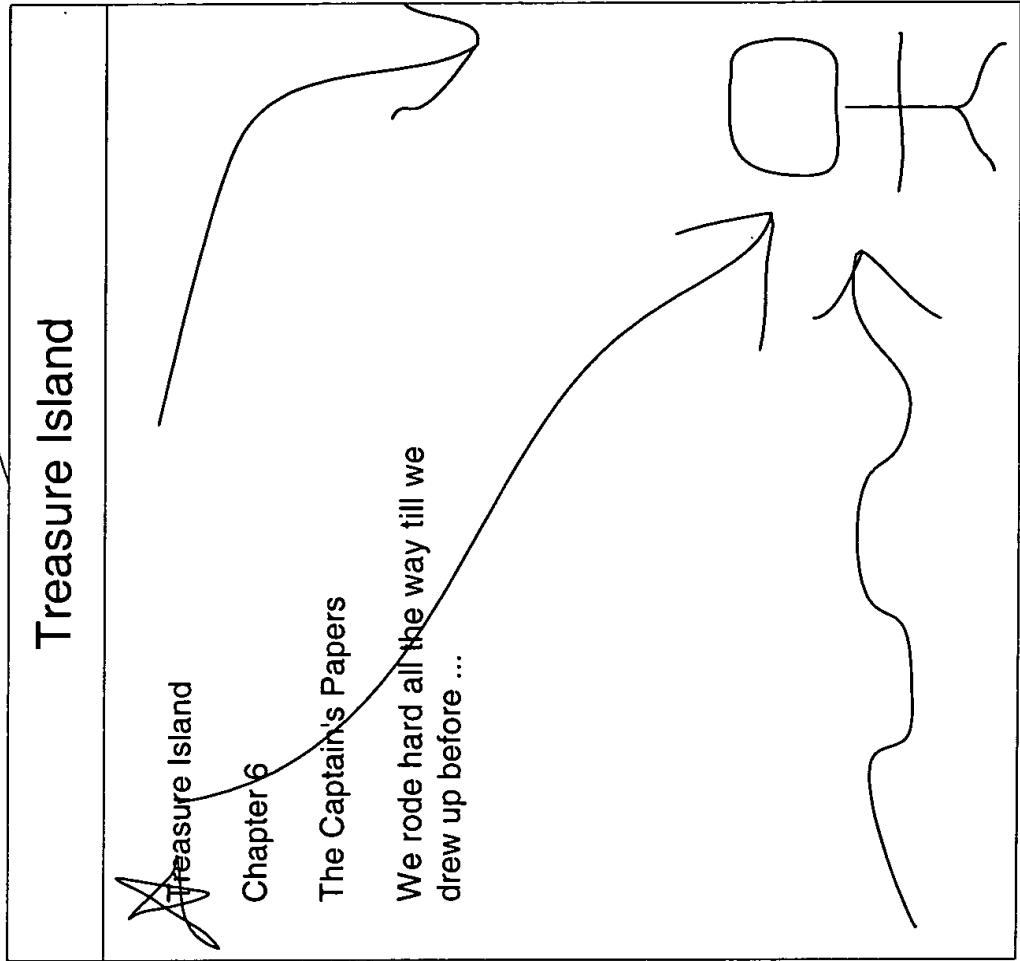


Figure 10

important!
tablet

With my insistence on eliminating paperwork, I must sound "anti-paper." I am against paper forms, but even I still print out long electronic documents. I want to read and annotate. Most people, when they're trying to organize a long document, like to spread the pages out on a table so that they can see them all at once. ^{hard to do} with a PC! Until we get a breakthrough in flat-screen technology, and furious research is going on at Xerox, the MIT Media Lab, Kent State, Microsoft and other academic and corporate research sites in the United States and Japan - books and magazines still can't be beat for readability and portability. ^{not for 111}

High-quality displays are a necessity in the information-rich future. Microsoft showed, in late 1998, a technology code-named ClearType that allows color screens to display text dramatically better than before. Combining this with improved hardware will be revolutionary. Some future screens will be flexible so that you can roll up or fold the display and take it with you, like a newspaper. Other screens will have the computer circuitry embedded in them, so that an entire PC could be as thin as the display part of a current laptop. One new technology enables a screen to retain its image after

not as imp.

Figure 11

1201

1203

▼ InkAnnotations.doc

Handwriting shares some properties with text, and can even be placed 'in-line' with it, but handwriting and sketches must also be able to flow freely (rather than always go in-line where they could inadvertently change the underlying document's layout).

This is important both to avoid degrading documents from their author's intent, and to capture thoughts simply (without demanding the user's undivided attention). Thus while in-line ink flows where a user could expect to be able to type on a displayed document page, we also need Ink Annotations that can flow wherever one would expect to be able to write on that page.

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1202

1205

▼ InkAnnotations.doc

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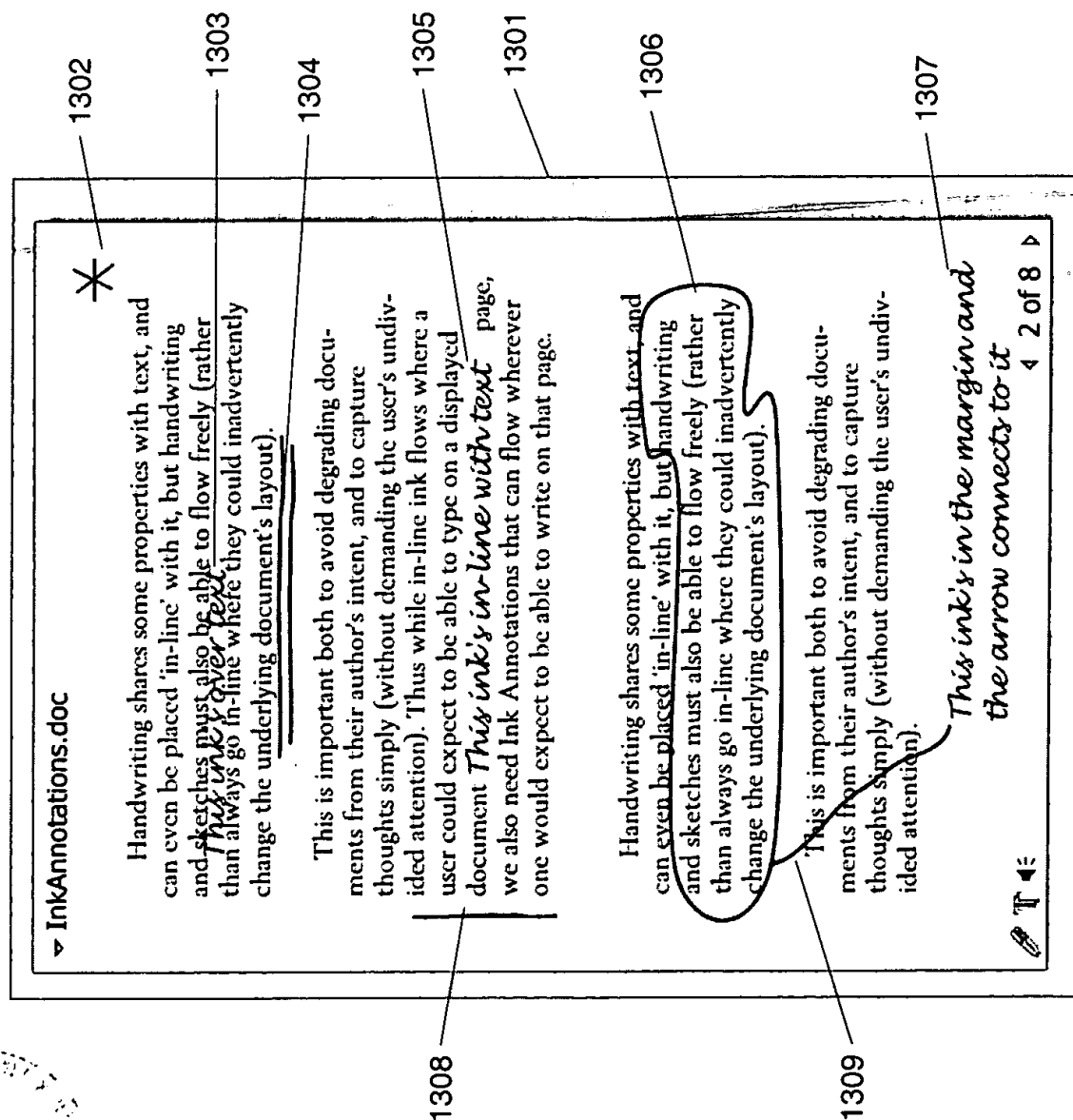
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1204

Figure 12



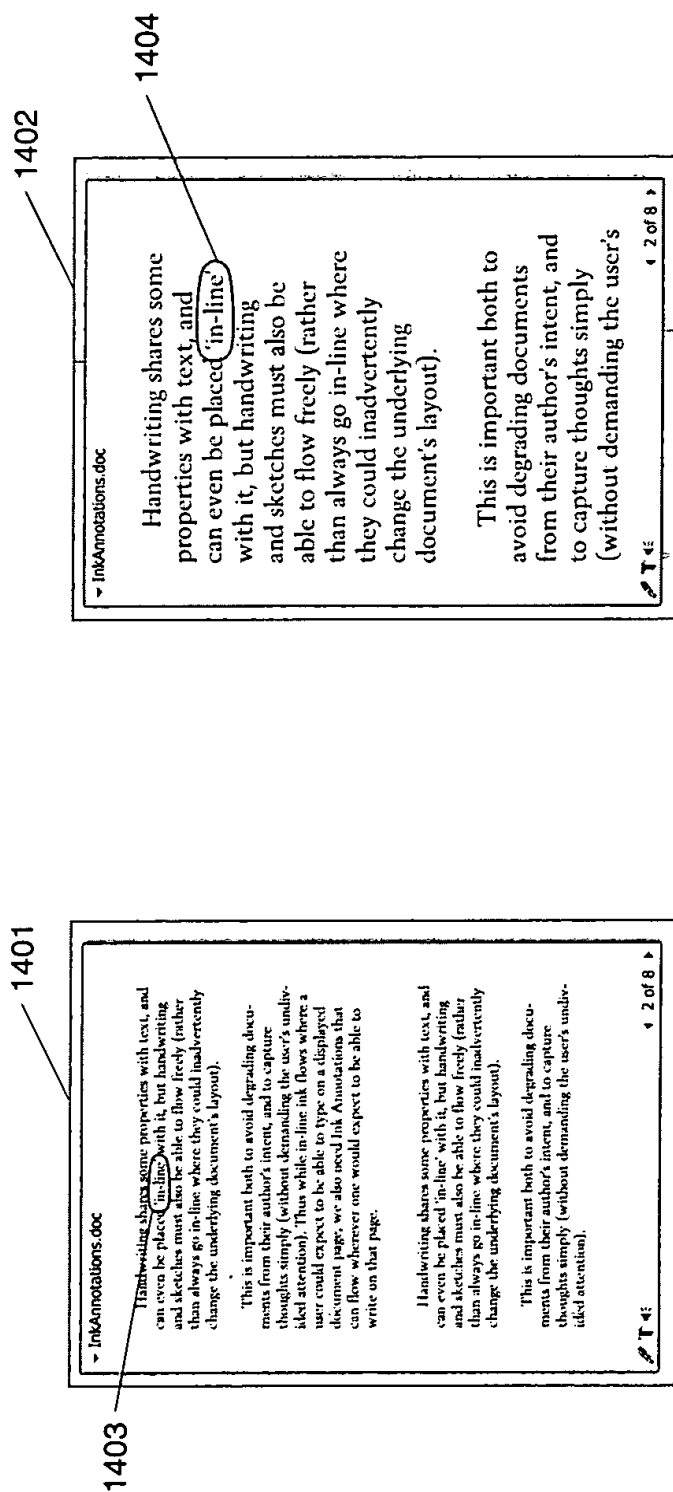


Figure 14

1502

InkAnnotations.doc

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2 of 8

1504

1501

InkAnnotations.doc

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T

2 of 8

1503

Figure 15

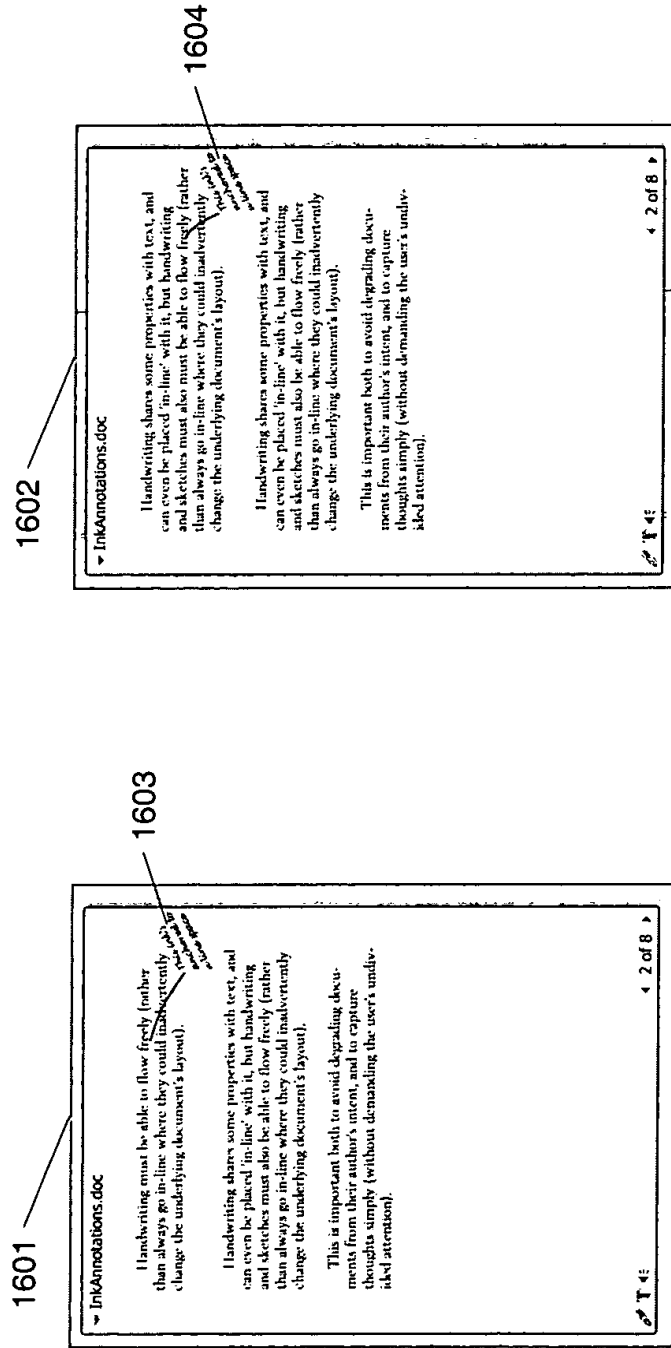


Figure 16